

*Sub B1*  
are essential components of glycoproteins in a mammal, said dietary supplement comprising a composition consisting [essentially] of nutritionally effective amounts of:

*A*  
at least one saccharide [, in monomeric, oligomeric or polymeric and derivatized or underivatized form,] selected from a first [the] group of saccharides consisting of:

galactose, glucose, mannose, xylose and acetylated mannose; and

at least one saccharide [, in monomeric, oligomeric or polymeric and derivatized or underivatized form,] selected from a second [the] group of saccharides consisting of:

N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine, arabinose, glucuronic acid, galacturonic acid, iduronic acid, and arabinogalactan.

*66020-5724-00*  
*A2*  
6. (Amended) A dietary supplement according to claim 1 [, 2, 3, 4, or 5] wherein at least one of said saccharides is provided in oligomeric or polymeric form as found in at least one of:

gum tragacanth, guar gum, grain flour, rice flour, sugar cane, beet sugar, potato, milk, agar, algin, locust bean gum, psyllium, karaya gum, seed gums, Larch tree extract, aloe vera extract, gum ghatti, starch, cellulose, degraded cellulose, fructose, high fructose corn syrup, pectin, chitin, acacia, gum arabic, alginic acid, carrageenan, dextran, xanthan gum, chondroitin sulfate, sucrose, acetylated polymannose, maltose, glucan, lentinan, mannan, levan, hemi-cellulose, inulin, fructan, and lactose.

7. (Amended) A dietary supplement according to claim 1 [, 2, 3, 4, or 5] further comprising a nutritionally effective amount of dioscorea complex.

*Sub B5*  
8. (Amended) A dietary supplement according to claim 1 [, 2, 3, 4, or 5] further comprising a nutritionally effective amount of a blend consisting of ripened and freeze-dried and powdered raw fruits and vegetables.

*Sub B10*  
*A3*  
12. (Amended) A dietary supplement according to claim 1 [, 2, 3, 4, or 5] further comprising a nutritionally effective amount of melatonin.

13. (Amended) A dietary supplement according to claim 1 [, 2, 3, 4, or 5] further comprising an effective amount of a saccharide bioabsorption aid.